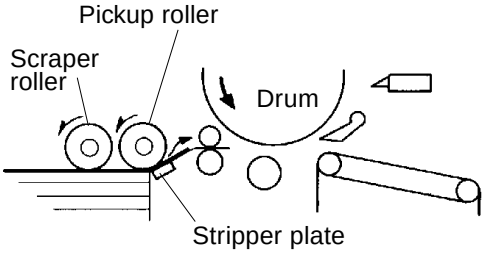
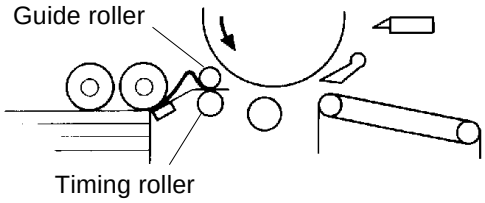
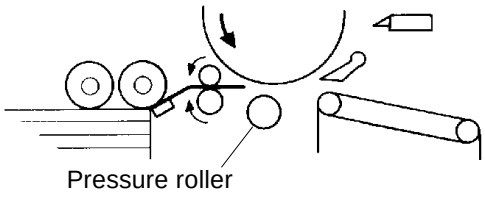
4. Paper Feed and Receiving



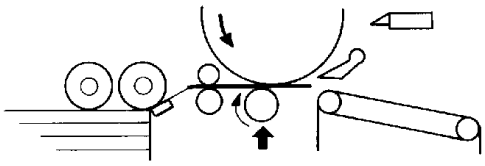
The Drum is rotated and a sheet of paper is fed from the first paper feed area to the second paper feed area by the Scraper and Pickup rollers, and Stripper plate.



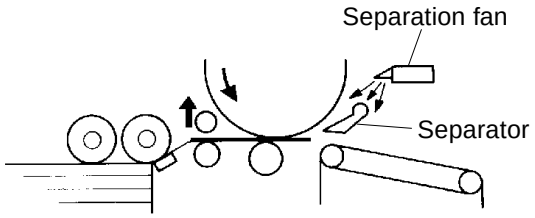
The paper feed to the second paper feed area is stopped by the Guide and Timing rollers to form a buckle. The paper then waits until the rotation of the Guide roller starts.



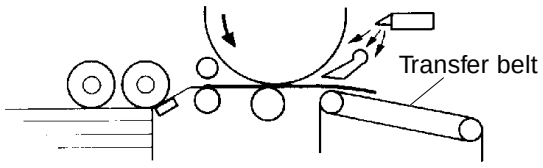
The Guide and Timing rollers in the second paper feed area are rotated and the paper is fed to the printing area.



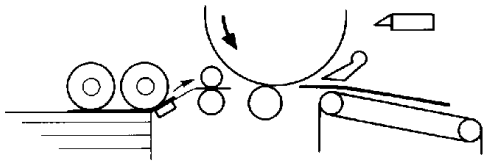
While the paper is being fed from the second paper feed area, the Pressure roller rises and printing starts.
(The Pressure roller contacts the Drum and starts rotating.)



After the Pressure roller contacts the Drum to start printing, the Separator approaches the Drum and the Separation fan starts to blow.
The Guide roller goes up to release the paper.
(The paper is then transferred by the rotation of the Drum.)



The printed paper is separated from the Drum by the Separator and with a help of the air blow from the Separation fan.
It is then transported onto the Paper receiving tray by the Transfer belts using Suction fan.



The Timing roller contacts the Guide roller to feed the next sheet of paper.